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(71) Applicants:

- DAI NIPPON TORYO CO., Ltd.
Osaka-shi, Osaka 554 (JP)
- MITSUBISHI ENGINEERING-PLASTICS
CORPORATION
Tokyo 104 (JP)

(72) Inventors:

- Yamamoto, Yoshiaki
Mitsubuchi, Komaki-shi, Aichi-ken (JP)
- Ohta, Kenji
Mitsubuchi, Komaki-shi, Aichi-ken (JP)

- Yonemochi, Kenji
Mitsubuchi, Komaki-shi, Aichi-ken (JP)
- Fujii, Satoshi
Kasugai-shi, Aichi-ken (JP)
- Fujishiro, Takeshi,
c/o Mitsubishi E-P Corp.
Hiratsuka-shi, Kanagawa-ken (JP)
- Izumida, Toshiaki,
c/o Mitsubishi E-P Corp.
Hiratsuka-shi, Kanagawa-ken (JP)

(74) Representative: Wächtershäuser, Günter, Prof.
Dr.
Patentanwalt,
Tal 29
80331 München (DE)

(54) Method of in-mold coating

(57) A method of in-mold coating, comprising steps of injecting a melt of a thermoplastic resin molding material into a cavity of a mold, followed by molding, to form a molded product, then injecting a coating composition between the molded product and the inner wall of the mold, followed by curing the coating composition, to form a coated molded product, and withdrawing the coated molded product from the mold, wherein said coating composition comprises:

- (A) a vehicle component comprising (i) a urethane acrylate oligomer or a urethane methacrylate oligomer, which is a reaction product containing no substantial unreacted isocyanate groups, of (a) an organic polyisocyanate, (b) an organic polyol and (c) a hydroxyalkyl acrylate or a hydroxyalkyl methacrylate, and (ii) a polymerizable unsaturated monomer,
(B) a polyisocyanate compound, and
(C) a polymerization initiator.

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